

Section C - Statement of Work Customized Cable Connector Part

The Remote Monitor and Logging System (RMLS) National Remote Maintenance and Monitoring (RMM) Network (NRN) located at the Federal Aviation Administration (FAA) Air Route Traffic Control Centers (ARTCC) program require Customized Cable Connector assembly hardware. Schematics of the requested hardware are attached as an accompaniment to this announcement. No substitute of equipment will be accepted.

The hardware components will consist of:

- A total of four cable assemblies for each rack mount panel. Each cable, on one end, shall be a SCSI II 80 pin male type. The vendor must over mold the cable head to change the screw attachment to the clip-on type to secure the connection. The over mold shall be 13.3 millimeters wide by 72.9 millimeters long.
- From the over molded head of the SCSI II side of the connector, there shall be four DB25 connectors come out of it. The pin-out list is attached.
- The cable shall be 48" long with tolerance length of no more than 1/2 inch.
- There shall be "Flex Pro" type sheathing from 8 inches below the SCSI II 80 pin side connector and 6 inches below the DB25 connector side.
- The DB25 connector must conform to the same Mil-Spec governing the DB25 as the ITT Cannon #DBMAE25S specifications.
- Please note that on the DB25 side, the Hex-screws have been modified from standard 5 mm Hex head to a 4.6 mm Hex head. The reason for this is to compensate for patch panel thickness to ensure tight connection.
- All cables and related parts must be RoHS compliant.
- Each set of this assembly must have four cables mounted to a Standard 19" 16 Port DB25 Bulkhead panel on the DB25 side of the cable. The color must be black. The vendor must provide this Bulkhead panel with this purchase. The finished product must have four custom cables mounted to each of the 19" Bulkhead.

The potential vendor must deliver (24) assemblies of equipment, to accomplish the above request no later than January 15, 2011 to the following location:

FAA William J. Hughes Technical Center (WJHTC)
Atlantic City International Airport
Atlantic City, NJ 08405

The vendor must provide a one (1) year warranty once the equipment is installed and provide maintenance and repair service during normal business hours (9 to 5, local time) on normal business days, excluding Federal Holidays. The potential vendor must furnish all parts, and software to maintain the system as part of the warranty period. The vendor must provide the Contracting Officer Technical Representative (COTR) with the phone numbers of their service center/s for trouble calls and all repairs must be done using the telephone diagnostic and return and repair of defective parts. The FAA will be responsible for the shipping costs of sending the parts to the vendor. The vendor is responsible for the shipping costs of mailing the parts back to the FAA.